

Shop order Dec 6

Work Order ID 77211

\*77211\*

Page 1

November-29-11 9:52:07 AM

Item ID: D139-799-112

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Maintenance Step w/ Grab Bar, RH

Start Date: 29/11/2011 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 13/12/2011 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan: M.C.J

Date: 11/11/29

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI 9584

A

100

0.00

\*100\*

DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D139-799-112/DSI9584  
CHG001

Switzky

For MLI 11-12-6

110

Pick Kit

0.00

\*110\*

Packaging

Packaging

Memo

0.00

Packaging (1)

120

QC4- 100% Inspect kits for completeness

0.00

\*120\*

QC

Quality Control

Memo

0.00

Switzky

10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 77211

**\*77211\***

Page 2

November-29-11 9:52:07 AM

Item ID: D139-799-112 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Maintenance Step w/ Grab Bar, RH  
 Start Date: 29/11/2011 Start Qty: 1.00 **\*1\*** Cust Item ID:  
 Required Date: 13/12/2011 Req'd Qty: 1.00 **\*1\*** Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D139-799-112/DSI9584 Location: _____ PPP rev: <u>SNIP</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

SENT TO COST w/o ARC 11/12/11  
 P/N NOT APPROVED PER FAA STZ.

MF  
 11-12-08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

November-29-11 9:52:12 AM

Page 1

Work Order ID: 77211

\*77211\*

Parent Item: D139-799-112

\*D139-799-112\*

Parent Item Name: Maintenance Step w/ Grab Bar, RH

Start Date: 29/11/2011

Required Date: 13/12/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 11.11.28 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4526-042		Manufactured	No			110	Each	0.0000	1	1			
-----------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

\*D4526-042\*

Maintenance Step Assembly

AN6H12		Purchased	No			110	Each	22.0000	4	4			
--------	--	-----------	----	--	--	-----	------	---------	---	---	--	--	--

\*AN6H12\*

Bolt

Location

Loc Qty

Loc Code

ST341

22

119112

22

NAST149D0663J

Purchased

No

110

Each

2,358.000

\*NAS1149D0663.I\*

Washer

Location

Loc Qty

Loc Code

ST407

2358

119075

2358

\*\* 11/12/11

\*\* 11/12/11

\*\* 11/12/11

\*\* 11/12/11

\*\* 11/12/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# **DART SERVICE INSTRUCTION**

TO AMEND IIN-D139-799 REV. E AND ICA-D139-799 REV. 4  
REF. FAA STC: SR02138SE

## **PURPOSE:**

## **REFERENCE ONLY**

The purpose of this Dart Service Inspection (DSI) is to provide a RH maintenance step with grab bar.

## **PROCEDURE:**

1. Install the D4526-042 Maintenance Step Assembly in the same position and using the same procedure as outlined in Section 3.1 of IIN-D139-799 for D4092-042 Maintenance Step Assembly that is used in the D139-799-012 Maintenance Step Kit, RH.

## **PARTS LIST**

QTY. -112	PART NUMBER	DESCRIPTION
X	D139-799-112	MAINTENANCE STEP WITH GRAB BAR KIT, RH
1	D4526-042	MAINTENANCE STEP ASSEMBLY, RH
4	AN6H12	BOLT
6	NAS1149D0663J	WASHER (or AN960JD616)

## **WEIGHT AND BALANCE:**

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
D139-799-112 MAINTENANCE STEP WITH GRAB BAR KIT, RH	7.25 lb 3.29 kg	36.2 in 0.92 m	262 in lb 3.0 m kg	215 in 5.46 m	1559 in lb 18.0 m kg

A	NEW ISSUE	RF	11.11.23
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b> KENT, WA	
DRAWN	RF		
CHECKED	<del>RF</del>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9584	SHEET 1 OF 2
APPROVED	<del>RF</del>	TITLE	SCALE
DE APPR.	<del>RF</del>	MAINTENANCE STEP	NTS
DATE	11.11.23	COPYRIGHT © 2011 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	